

The Oscillator

The Club...wants to be instrumental in helping the prospective and established Amateur to become a proficient communicator in the Amateur Radio Service.

Oregon Tualatin Valley Amateur Radio Club

Est: 1978

OTVARC SPOTLIGHT:

Events

- SEAPAC — June 13-15, 2003
- Travelers' Trips — May 16-18
- Fifth Wednesday — July 30
- Lunch Bunch
- Volunteer Exams — June 14
- Field Day — June 28 - 29
- Annual Christmas Dinner

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Washington County ARES Digital Nets

Washington County Amateur Radio Emergency Service (ARES) provides emergency communication services to many agencies in the County. Alvin Carlson KB7VHI, serves as OTVARC Emergency Services Coordinator and as Associate Emergency Coordinator for Washington County ARES.

WashCo ARES maintains an ARES Packet BBS at Consolidated Communications Agency (WCCCA), which identifies as WC7EOC. The BBS operates on 439.00 MHz. It may be accessed through the WC7EOC-1 Packet

Node. Recent ARES training sessions have included helping packet operators access the BBS through other nodes on 2 meters. The result is the ability to link to the EOC from 2 meters (at 1200 baud) and into the Node stack which operates at 9600 baud.

Listen in on the regular ARES net, Tuesday evenings at 7:00 pm on the 146.90 MHz repeater. The Slow Scan TV net follows at 8:00 pm. If you are interested in getting into SSTV, this is a great place to start. SSTV does not have to be an expensive activity.

THE PROGRAM

The Club opens at 7:00 pm at the Beaverton Elks' Club, 3500 SW 104th Ave, Beaverton (One block north of Canyon Road).

Our program this month features SEAPAC '03. You'll hear about the program, flea market, and displays. The SEAPAC Seminars are worth the trip to the coast by themselves.

Come early at 6:00 pm and get a no-host meal at the Elks' Buffet.

Introduce a friend to OTVARC.

From the Bridge H. D. Landers WA0BRU

Well last month was full of surprises, and I did not let it end in the *Oscillator*. I wore my Australian shirt and bush hat. Many took that April Fool's story "hook line and sinker."

ARES had QUAKEx and it went very well. Our served agencies saw that Ham Radio was a valuable tool. We found out where we had problems so we can correct or find a solutions. By the time we get this *Oscillator*

out a few of us will have participated in a Walk-a-Thon. The Rose Festival, with it's many parades, will be here soon. More walks and bike-a-thons will fill our public service interest.

See BRIDGE Page 3

*Always
listen
before
transmitting*

Digital Hangouts! Find the new modes, by Everett W6ABM

WSJT mode frequencies can be found by going to the Internet: www.pingjockey.net/cgi-bin/pingtalk

This Yahoo board for digital modes is a good place to visit: www.functionalfuture.com/kd4fnb/qsoboard.pl

Band Plans for 6 & 2 meters: There is NOT an official band plan. This is a guide for most "normal" digital activity. The "right" play will vary by area so use common sense and amateur radio courtesy.

If you are unsure ask a local. Always listen before transmitting. Never use digital on the SSB/CW calling frequencies or EME subbands.

6 Meters

CW/SSB/Digital
50.060-50.080 CW Beacons
see: www.keele.ac.uk/depts/por/50.htm>>
50.080-50.100 CW QSO's
50.100-50.125 DX Window
50.110 DX Calling Frequency
50.125 NA SSB Calling Freq
50.133-50.430 Voice Nets
6mt.com/nets.htm
50.255 FSK441 lower QSO practical limit
50.270 FSK441 Calling Freq
50.285 FSK441 upper QSO practical limit
50.290 SSB PSK31
50.291 BEACONet^31
(with +1500hz PSK audio)
50.300 or 50.700
50.680 SSTV

2 Meters

CW/SSB/Digital
144.00-144.05 EME (CW)
144.05-144.06 Propagation beacons (old band plan)
144.06-144.10 CW and weak signals
144.10-144.20 EME and weak-signal SSB
144.140 WSJT FSK441/JT44 calling frequency
144.110 to 144.160 WSJT FSK441 or JT44
144.131 BEACONet^31
(with +1500hz PSK audio)
144.150 SSB
PSK/HELL/MFSK16/SSTV
144.200 National SSB calling
144.20-144.30 SSB USB ops
144.275-144.300 beacon band
145.500 SSTV (Nat'l SSTV Simplex FM Frequency)
145.550 PSK31

Hellschreiber

Club Events

May 14: Monthly Club Meeting at Beaverton Elks'

May 16-18: Travelers at Sweet Home

May 28: Board Meeting. Everyone incited. TVF&R Station 67, 7:00 pm

June 11: Monthly Club Meeting at Beaverton Elks'

June 13 - 15: SEAPAC Northwestern Division ARRL Convention, Seaside, Oregon

June 25: Board Meeting. Everyone incited. TVF&R Station 67, 7:00 pm

June 28 - 29 Field Day '03 Shute Park, Hillsboro

HamFests

May 10: Western Washington
Stanwood-Camano ARC,
Stanwood WA,
huppert@whidbey.net
360.629.2921

June 14-15: SEAPAC
Northwestern Div
Convention, Seaside OR,
www.seapac.org
503.642.7314

July 19: Coos County RC
Bandon OR
k7aia@arri.net

In The News

Silverton Ham, Don Pettit, KD5MDT, ISS Science Officer, recently returned to earth via a Russian space vehicle. This return is a first for the space program.

Pettit will be visiting Silverton after his debriefing time in Houston, Texas.

BRIDGE, from Page 1

These events can be fun. Most event participants are glad to see us out there helping make the event safer for them. A few will be reckless, ignore the rules of the event, or of the road, and tell us to get lost. Just remember, if they get hurt they will be glad that we were nearby to call for assistance. Don't forget to pick up another T-shirt, hat, or free lunch.

JD Fort K7JDF is getting Field Day pulled together. This year it will be at Shute Park, a Hillsboro City facility. There won't be camping but come anyway. There will be chances to operate, meet the public and promote ham radio. You are welcome to just sit around and visit with OTVARC members. If you wonder what it is like to operate HF bands, now is your chance to give it a try. Remember you don't have to have the appropriate license to operate as long as a control operator is on duty. You can do the calling and talking -- or help with logging and keeping track of calls heard so we don't duplicate contacts.

I was a technician for 30 years and have operated HF on Field Day many times. I was one of those that could not get the 13 WPM code speed. Now, the required speed is 5 WPM, so this may spur you to get your General Class License.

Another June event sneaking up on us is SEAPAC. Just think of the used equipment and parts on those flea market tables. I know you won't miss checking out the newest in equipment from the dealers and manufacturers.

SEAPAC offers seminars on many ham radio subjects. Julie reminded me that the *"Hang Out for Bored Spouses"* does not require a ticket to the convention. So the XYL or OM, and anyone else with you, may come over to do crafts, puzzles, book and recipe exchange. Even licensed participants are welcome. You can just sit and have a cup of coffee, bag of popcorn, and visit.

Carl WS7L will lead our VE testing on Saturday. If you, or someone you know, wants to upgrade go for a ham license they can go for it. Let Carl know at ws7l@arrl.net.

Now as the weather is getting better, the Travelers Tent Crew can check out the gear and get ready for another season of camping. Travelers offer good food (I am counting the points), visiting around the campfire, eating popcorn (more points), and whatever else may be at or near that campsite. Skamokawa is one of the favorites. We watch the big ships on the Columbia passing very near. These are the Eagle Days in Cathlamet. There you'll find

a parade, street vendors, fireworks, and a boat show at the marina.

Have a good summer and enjoy the many faces of ham radio, the greatest hobby.

73

Harold
WAØBRU

Novice Licenses Expire

Every year, Novice Class Licenses expire. Many of the licensees never got on the air or have been largely inactive for the entire 10-year term of their license. In most cases, the ham involved is not a club member and has little or no contact with another active amateur radio operator.

In Oregon this year, fifty-seven Novice Licenses will expire. Most will not be renewed.

Twenty-five of the fifty-seven expiring licenses are held by hams in our Club's service area. We have their Call, Name, and Address.

What can we do to help these licensees renew, upgrade, and become active?

First, let's contact them in

person! Let's invite them to a meeting of OTVARC, to our ham shack, and to an activity. Remember, they can operate your station as long as you are present to control that operation.

Then, let's consider a special "Novice Upgrade Class" to help them upgrade to Technician Plus and General.

We have an equipment loan program that helps new operators get some experience. Here is a chance to see it used.

Amateur Radio is about helping one another improve our radio skills.

Let your interest be known to a member of the OTVARC Board of Directors.

— Everett W6ABM

NASA should consider setting up lunar Bases

-Don Pettit

OREGON HAM SUGGESTS MOON BASE, ARRL WEB

ISS Science Officer Don Pettit, KD5MDT, suggests that NASA should consider setting up lunar bases in the future as a stepping stone to expand mankind's exploration of the universe. The comment came in response to a student's question during an Amateur Radio on the International Space Station (ARISS) school group contact. Several students at Cowichan Secondary School in Duncan, British Columbia, Canada, had the opportunity

to quiz Pettit about life in space via Amateur Radio on April 21. The QSO between VE7CVA and NA1SS was the last for members of the Expedition 6 crew of Pettit, Commander Ken Bowersox, KD5JBP, and Nikolai Budarin, RV3FB, returned to Earth May 4th.

"I hope the next step for manned space exploration will be to go away from the planet Earth for a while instead of just going in circles

around the planet," Pettit said. The astronaut believes "a logical next step" would be to set up bases on the moon and learn how to operate at that distance from Earth. Pettit remarked that his five months aboard the ISS have been "an amazing experience" and has been "really quite enjoyable." He acknowledged that it's still technologically difficult to get into space. "Space travel is not routine by any means," Pettit said.

FCC Seeks OO Help

This is the first phase of a renewed investigation effort

The FCC has asked ARRL Amateur Auxiliary/Official Observers for help in monitoring for illegal operation on the 10-meter band. The request came from FCC Special Counsel Riley Hollingsworth, who says incursions on the band by apparently unlicensed operators continue to be a major enforcement

headache.

"This is the first phase of a renewed investigation effort and may be thought of as detect, collect data and report," said ARRL Field and Regulatory Correspondent Chuck Skolaut, KØBOG. ARRL forwarded the request to members of the Amateur

Auxiliary May 1st.

Hollingsworth said the FCC wants help with a stepped-up effort over the next six months--from May through October--to identify any unlicensed operation on 10 meters "whether from business entities--including trucking companies--truckers or individuals.

ARES & NTS Nets Need Your Support, Scott W7IZ

ARES and NTS Traffic Nets need your support. Consider becoming a Net Control or Alternate Net Control (filling in) if you are a regular on the net. It is great experience for you, and a big help to the entire net. You never know when that experience can be put to good use.

OFFICIAL BULLETIN STATIONS: We need stations to copy W1AW and give bulletin information to all our nets. If you are interested in becoming an OBS, contact W7IZ for more information.

Are you submitting your

activity in message handling and public service for the Public Service Honor Roll? Check the ARRL Oregon Section Web Page for more information.

73

Scott W7IZ

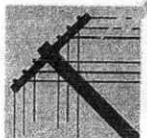
Oregon Sect. Traffic Manager
scottw7iz@clatskanie.com

ARRL FIELD DAY DETAILS ANNOUNCED by JD K7JDF

Be sure to get your hands on the latest edition of QST. Lick that thumb and flip over to page 101. That's where you'll find the ARRL Field Day Announcement.

It's a brief, but great article that explains the Field Day concept and purpose. While it's not the official set of rules it does touch on rule changes this year, scoring, bonus points and even an explanation of

WHEN
ALL
ELSE
FAILS...



quirks.

The complete Field Day rules and information packet is downloadable at

www.arrl.org/contests/forms. Feel free to check it out.

This year, OTVARC's Field Day is an urban event, with our location set for Area A (Southeast corner) of Shute Park in Hillsboro.

If you would like to participate we need help as Band Captains (not as tough as it sounds.) We could use volunteers in several areas.

Let me know if there is a particular band or mode you would like to work. The shifts will be 3 hours starting at 1800 UTC on Saturday June 28th.

We need volunteers for set up, hauling and erecting antennas and shelters. You should plan to join us for Saturday Potluck. Bring a dish while we fire up the grill. More details in the June *Oscillator*.



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VE News

Our next testing session is at SEAPAC on Saturday June 14th. Contact Carl at: ws7l@arrl.net, 503.629.5796.

At our April 5 VE session we had 12 applicants, and issued eleven new Technician licenses and one upgrade to General.

Thanks to VEs Kevin KE7VIN, Claire N7CM, and Phil WA7URV.

Travelers

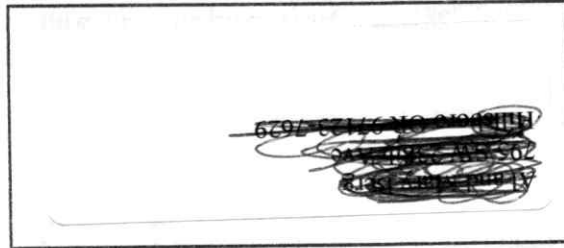
The May campout will be at Sunnyside County Park at Foster Lake (near the town of Sweet Home). Join Tom and Barb Bailey, wagonmasters, on May 16 -18. For details email them at reno78@gte.net or ka7nam@arrl.net, phone 503.538.2266.

Directions: Go I-5 south to Albany, take highway 20 through Sweet Home. In a few

miles watch for Quartzville Road (Green Peter, Sunnyside Park, or Foster Reservoir). Turn left and follow the road to Sunnyside Park, one mile on the right.

Sunnyside Park features a boat ramp, fishing, and a woodsy atmosphere. The sites have water and electric hookups and there is a dump station.

CLUB MEETING MAY 14TH



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**Oregon Tualatin Valley
Amateur Radio Club**



FIRST CLASS MAIL



CLUB INFORMATION

The Oregon Tualatin Valley Amateur Radio Club is a special service club related to ARRL: The National Association for Amateur Radio. We advance the Amateur Radio Service through:

- ⇒ Education and Training of new and licensed amateurs
- ⇒ Public Service and Emergency communication
- ⇒ Hobby nets, contests and meetings
- ⇒ Social events

Membership is available to anyone interested in amateur radio. A license is not required.

Membership dues are \$15/year; Family member(s) of full members at same address \$20/household; Full Time students and members of two years or more at age 70 or older (Life Members) are dues free. See Club Treasurer about purchase of life membership prior to age 70. If you wish to join during the year, dues are pro-rated.

Membership applications may be found on the Club Website or on request from the Treasurer.

The OSCILLATOR is published Monthly for members. The deadline for the June issue is Tuesday, May 27th.

Happy May Birthday

- 2 Don Brnada N7DDK
- 5 Jim Graffy AE7W
- 6 George Bates K7GWB
- 8 Robbin Heath KD7MRU
Kevin Bersch KE7VIN
- 10 Jeff Mathia KF6CXD
- 14 Barb Bailey KA7WTF
- 18 Wally Boleen KC7TB
- 23 Patricia Rickman N7UUD
Kevin Curry KA7KYQ
- 26 Richard Morgan KD7GIE
Sue Dauntless KB7RHH
- Willy Lund KC7ICQ
- 28 Barry Carlson W76BLC